

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042591.D
 Acq On : 26 Jul 2024 00:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050760

Quant Time: Jul 26 01:52:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 00:18:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	205890	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	189420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99274	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44202	36.884	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.760%		
7) Chloroethane-d5	1.648	69	29772	39.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.920%		
11) 1,1-Dichloroethene-d2	2.300	65	22432	42.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.540%		
21) 2-Butanone-d5	4.465	46	82619	95.666	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.670%		
24) Chloroform-d	5.056	84	112033	46.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.980%		
26) 1,2-Dichloroethane-d4	5.958	65	68053	47.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.700%		
32) Benzene-d6	5.970	84	220629	45.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
36) 1,2-Dichloropropane-d6	7.306	67	65926	44.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.480%		
41) Toluene-d8	8.647	98	203497	44.601	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.200%		
43) trans-1,3-Dichloroprop...	8.952	79	28139	44.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.380%		
47) 2-Hexanone-d5	9.384	63	61659	92.191	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.190%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97207	44.625	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.240%		
66) 1,2-Dichlorobenzene-d4	12.317	152	87822	45.546	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	71489	48.543	ug/L	99
3) Chloromethane	1.295	50	60767	40.831	ug/L	100
5) Vinyl chloride	1.374	62	56960	38.913	ug/L	98
6) Bromomethane	1.599	94	29775	37.330	ug/L	99
8) Chloroethane	1.666	64	28794	39.464	ug/L	99
9) Trichlorofluoromethane	1.874	101	78704	41.313	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	57286	43.633	ug/L	98
12) 1,1-Dichloroethene	2.313	96	54153	43.545	ug/L	83
13) Acetone	2.392	43	49896	84.692	ug/L	97
14) Carbon disulfide	2.508	76	122073	39.457	ug/L	98
15) Methyl Acetate	2.709	43	65045	43.453	ug/L	99
16) Methylene chloride	2.788	84	60484	39.421	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	55673	43.526	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	183740	43.928	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102849	44.778	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	64361	42.830	ug/L	97
22) 2-Butanone	4.562	43	86460	87.671	ug/L	99
23) Bromochloromethane	4.904	128	33955	42.281	ug/L	99
25) Chloroform	5.093	83	108320	44.978	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	83677	46.885	ug/L	97
29) Cyclohexane	5.464	56	89350	43.647	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	93009	45.100	ug/L	100
31) Carbon tetrachloride	5.672	117	82507	45.803	ug/L	99
33) Benzene	6.038	78	230418	43.500	ug/L	100
34) Trichloroethene	7.123	95	64453	46.452	ug/L	99
35) Methylcyclohexane	7.379	83	92824	44.122	ug/L	99
37) 1,2-Dichloropropane	7.428	63	60095	44.216	ug/L	99
38) Bromodichloromethane	7.824	83	72969	43.843	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	84734	42.341	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	167447	86.378	ug/L	98
42) Toluene	8.714	91	245947	43.515	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	75798	42.245	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	63254	43.497	ug/L	96
46) Tetrachloroethene	9.275	164	57172	44.021	ug/L	98
48) 2-Hexanone	9.433	43	128166	84.190	ug/L	99
49) Dibromochloromethane	9.519	129	62687	42.326	ug/L	99
50) 1,2-Dibromoethane	9.610	107	67106	42.967	ug/L	100
51) Chlorobenzene	10.079	112	165670	42.700	ug/L	99
52) Ethylbenzene	10.195	91	266555	43.398	ug/L	100
53) m,p-Xylene	10.299	106	107400	43.442	ug/L	100
54) o-Xylene	10.640	106	106951	43.309	ug/L	98
55) Styrene	10.653	104	177642	43.171	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	97223	41.654	ug/L	100
59) Bromoform	10.799	173	51415	41.318	ug/L	99
60) Isopropylbenzene	10.964	105	276316	44.456	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	75609	42.891	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	225077	47.622	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	224706	44.363	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	134801	43.246	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	133775	42.426	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	137459	42.839	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	18185	40.298	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	97506	43.052	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	86070	41.782	ug/L	99
71) Naphthalene	13.774	128	271155	42.580	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	92158	42.337	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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